

# GREENPLANT FLOW Line



## HIGH QUALITY ACID NPK SUSPENSIONS ENRICHED WITH MICRONUTRIENTS

**GREENPLANT FLOW** is a line of completely soluble fluid NPK fertilizers in suspension/paste form.

Thanks to its special and innovative formulation, **GREENPLANT FLOW** Line can be applied with lower dosage compared to traditional liquid or water-soluble powder fertilizers.

**GREENPLANT FLOW** fertilizers are produced using high quality raw material to guarantee a big availability of elements and an optimal plant absorption of nutrients in order to reduce strong leaching in sandy or very permeable soil.

They provide cultivations with a complete range of macro and micro elements to cover all crop nutrient needs, ensuring the rapid attainment of agronomic and productive results even in adverse environmental conditions (drought, saline soils, high and low temperatures, etc).

All formulations are totally soluble and they are chloride, carbonates and sodium free.

**GREENPLANT FLOW** fertilizers are characterized by high acidity which reduces the alkalinity of the soil and facilitates their use in hard irrigation waters preventing clogging of drippers.

They can be used for horticultural crops and vegetables in addition to fruit trees and ornamentals by fertigation (drip, pivot system, etc ) or by foliar spray.

**GREENPLANT FLOW** can be mixed with the most common fertilizers and plant protection products.



## WHY CHOOSE THE GREENPLANT FLOW LINE

HIGH SOLUBILITY AND PURITY

LOW pH USEFUL FOR HARD WATERS AND ALCALINE SOILS

EASY TO HANDLE AND USE

## APPLICATION RATES

CROPS	DOSES FERTIGATION	STAGES AND RECOMMENDATIONS
FRUIT TREES, GRAPES, CITRUS, OLIVE TREES	10 - 30 kg/ha	Apply each formula according to crop stage and needs
GREENHOUSE HORTICULTURE	2 - 6 kg/1000 m <sup>2</sup>	
HORTICULTURE IN OPEN FIELD AND INDUSTRIAL CROPS	10 - 40 kg/ha	
NURSERIES	10 - 20 kg/ha	
FLOWERS AND ORNAMENTALS	15 - 20 kg/ha	
Foliar spray: 1 - 3 kg/ha		

## COMPOSITION

GREENPLANT FLOW	N-tot %	N-nit %	N-amm %	N-ur %	P <sub>2</sub> O <sub>5</sub> sol in H <sub>2</sub> O %	K <sub>2</sub> O sol in H <sub>2</sub> O %	B sol in H <sub>2</sub> O %	Fe(EDTA) sol in H <sub>2</sub> O %	Mn sol in H <sub>2</sub> O %	Mo sol in H <sub>2</sub> O %	Zn sol in H <sub>2</sub> O %	
40-10-10	% w/v	40	8.5	13.5	18	10	10	0.016	0.032	0.016	0.0016	0.0032
	% w/w	25	5.3	8.4	11.3	6.3	6.3	0.01	0.02	0.01	0.001	0.002
6-60-20	% w/v	6	-	3.5	2.5	60	20	0.017	0.034	0.017	0.0017	0.0034
	% w/w	3.5	-	2.0	1.5	35.5	11.8	0.01	0.02	0.01	0.001	0.002
10-6-60	% w/v	10	4.5	-	5.5	6	60	0.018	0.036	0.018	0.0018	0.0036
	% w/w	5.6	2.5	-	3.1	3.3	33.3	0.01	0.02	0.01	0.001	0.002
15-20-50	% w/v	15	11.5	-	3.5	20	50	0.018	0.035	0.018	0.018	0.0035
	% w/w	8.6	6.6	-	2.0	11.4	28.6	0.01	0.02	0.01	0.001	0.002
20-20-20	% w/v	20	5.5	9	5.5	20	20	0.016	0.031	0.016	0.0016	0.0031
	% w/w	12.8	3.5	5.8	3.5	12.8	12.8	0.01	0.02	0.01	0.001	0.002
25-25-25	% w/v	25	2.5	10	12.5	25	25	0.017	0.033	0.017	0.0017	0.0031
	% w/w	15.2	1.5	6.1	7.6	15.2	15.2	0.01	0.02	0.01	0.001	0.002

## PHYSICAL AND CHEMICAL PROPERTIES

	Water solubility at 20°C (g/l)	Density at 20°C (g/ml)	pH (1% w/w aqu. sol.)	Electrical conductivity 1 g/l aqu. sol. (µS/cm)
40-10-10	1000	1.60	3.0 ± 0.5	1200
6-60-20	450	1.70	2.5 ± 0.5	1350
10-6-60	200	1.80	3.0 ± 0.5	1300
15-20-50	600	1.75	2.5 ± 0.5	1350
20-20-20	1000	1.56	2.5 ± 0.5	1600
25-25-25	600	1.65	6.0 ± 0.5	1000